



Version 11.8
Release Notes



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Insight 11.8 Changes

Insight enhancements and updates since the release of version 11.5.



Improvements have been incorporated in all categories. To take advantage of the changes, it is recommended that jobs processed with previous versions of Insight be reprocessed prior to part building.

Toolpaths

- Fixed a case of overlapping contours in a very thin region of a specific part. [GC-41113]

Supports

- Improved the quality of the base top layer to improve the quality of the part bottom using PC model material and SR-100 support material on the Fortus 360mc and Fortus 400mc systems. [GC-40660]
- Fixed a case of very small support tops created below small part features where the support structure underneath the support top was missing. [GC-40723]

General Insight Features

- Fixed a software crash that can occur after loading a saved job and then performing a slicing operation. [GC-41188]

Insight 11.5 Changes

Insight enhancements and updates since the release of version 11.2.



Improvements have been incorporated in all categories. To take advantage of the changes, it is recommended that jobs processed with previous versions of Insight be reprocessed prior to part building.

Toolpaths

- Stratasys F370 part quality – Made numerous changes to improve part quality on Stratasys F370 printers:
 - ASA and ABS 0.007 inch slice height – Updated the support base layer parameters to make the base layers more robust.
 - ASA 0.007 inch slice height – Updated the support parameters to improve the flatness of the top of the supports and the appearance of the supported part features.
 - Part/support gap – Decreased the size of the gap between the part and support for all 0.005 inch slice height configurations to improve the appearance of the supported part features.
- ULTEM 9085 CG using T16A – Updated the end of toolpath behavior to match the behavior specified for the certification process.
- ULTEM 9085 on Fortus 900mc – Updated the shrink parameters to improve the dimensional accuracy of parts on the Fortus 900mc using ULTEM 9085, ULTEM 9085 Black, and ULTEM 9085 CG.
- Remnant region fill – Improved the detection of remnant regions to improve overall part density. Remnant regions are portions of a layer where a full contour is not possible and a standard raster pattern is not effective. Remnant regions are filled with toolpaths that are placed along the center of the region. Previously some of these remnant regions were not filled with toolpaths.
- Fortus 900mc ASA 0.013 inch slice – Improved the quality of the support tops to prevent the appearance of the support part features and to improve support removal. [OR-1592]
- System mode – Restored full functionality for the system mode (e.g. brick, fine) for FDM Titan and FDM Vantage systems. [OR-1566]

Custom Groups

- Apply contour style to selected feature only – Improved the overall quality of the custom group feature to apply settings to the specific, selected contour. Fixed issues with rasters crossing over air, duplicate toolpaths, and incorrect contour links. [OR-1486]
- Custom group sparse fill – Fixed a case of missing the outer toolpath contour when mixing the default solid fill with a custom group using sparse fill. [OR-1470]

General Insight Features

- Wall thickening – Updated the wall thickening operation to properly use the target wall thickness value if it was changed from the default value. [OR-1652]
- Anchor columns – Fixed a specific case of missing one layer in the entire anchor column. [OR-1588]
- Support stabilizers – Fixed issue with creation of stabilizer walls that yielded walls that did not conform to the intended shape. Also restored proper functioning of the flat back option. [OR-1649]



FDM Control Center

- Fixed CMB part overlap detection on the Stratasys F370 printer when the purge tower is moved to the service area at the back, right of the tray. [OR-1515]
- Fixed the repeated use of the repack button to prevent false reporting of overlaps. [OR-1046, OR-1507]

Workstation Operating Systems

- Insight 11.8 is exclusively a 64-bit Windows application and requires a supported 64-bit Microsoft operating system.
- Windows 32-bit operating systems – Stratasys support for 32-bit operating systems has ended.
- Microsoft Windows Vista support – Stratasys maintenance and support for Microsoft Windows Vista has ended. Stratasys will no longer ensure that Insight and Control Center work with Microsoft Vista and will not offer support for operational issues involving Microsoft Vista.
- Microsoft Windows Server 2008 support – Stratasys maintenance and support for Microsoft Windows Server 2008 has ended. Stratasys will no longer ensure that Insight and Control Center work with Microsoft Windows Server 2008 and will not offer support for operational issues involving Microsoft Windows Server 2008.

Supported System Types

- Prodigy Plus – Insight 10.4 was the last Insight product release to officially support the Prodigy Plus printer.

Known Issues

- PC-ABS parts on Fortus 380mc and Fortus 450mc – For small parts built using PC-ABS on the Fortus 380mc and Fortus 450mc it is recommended to use the full height sacrificial tower option available on the Packing tab of Control Center.